

What is claimed is:

[Claim 1] 1. A method of applying a flash memory as a buffer in an electronic appliance, comprising:

installing a microprocessor in the electronic appliance, wherein said microprocessor receives or executes commands of a user;

installing a flash memory in the electronic appliance, wherein said flash memory is connected to said microprocessor and comprises a file address table of a recordable file address and a data block for storing data or program, and wherein when the microprocessor commands the flash memory to store data or program, the flash memory operates to store said data or program as follows:

(A) checking whether any file address is available for serving as buffer in said data block of said flash memory, wherein if a file address in said data block is available to serve as buffer, the operation procedure proceeds to step (C);

(C) calculating the file address serving as buffer according to an address recorded in the file address table, and defining a memory block where this address is located; and

(D) storing said data or program in said defined memory block whose file address is used as buffer.

[Claim 2] 2. The method of applying a flash memory as buffer in an electronic appliance according to claim 1, wherein if no file address in said data block is available to serve as buffer, the operation procedure proceeds to step (B), wherein one file address is added into the data block of the flash memory and the file address table is modified and the operation procedure continue to step (C).

[Claim 3] 3. The method of applying a flash memory as buffer in an electronic appliance according to claim 1, wherein said electronic appliance comprises a display card.

[Claim 4] 4. The method of applying a flash memory as buffer in an electronic appliance according to claim 1, wherein said electronic appliance comprises a sound card.

[Claim 5] 5. The method of applying a flash memory as buffer in an electronic appliance according to claim 1, wherein said flash memory comprises a memory card.

[Claim 6] 6. The method of applying a flash memory as buffer in an electronic appliance according to claim 1, wherein said flash memory comprises a portable ROM.